

Amendments to the Claims

The listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-5 (canceled).

Claim 6 (Currently Amended). A method of recovering cadmium and/or zinc from arable soil containing cadmium and/or zinc, comprising:

(a) cultivating in said arable soil at least one *Thlaspi caerulescens* plant that accumulates from about 1000 to about ~~6000~~ 2600 mg cadmium/kg above-ground tissues on a dry weight basis and/or from about 15,000 to about ~~30,000~~ 26,000 mg zinc/kg above-ground tissues on a dry weight basis under conditions sufficient to permit said at least one *Thlaspi caerulescens* plant to accumulate such amounts of cadmium and/or zinc; and

(b) recovering the accumulated cadmium and/or zinc;

wherein said at least one *Thlaspi caerulescens* plant is *Thlaspi caerulescens* G15, the seeds of which have been deposited under ATCC Accession No. 203439.

Claims 7-9 (canceled).

Claim 10 (Currently Amended). An isolated *Thlaspi caerulescens* plant cultivated on cadmium- and/or zinc-containing arable soil that accumulates cadmium in

above-ground tissue at a concentration of from about 100 mg/kg dry weight of said tissue to about ~~6000~~ 2600 mg/kg dry weight of said tissue and/or accumulates zinc in above-ground tissue at concentration of from about 5000 mg/kg dry weight of said tissue to about ~~30,000~~ 26,000 mg/kg dry weight of said tissue;

wherein the genotype is *T. caerulescens G15*.

Claims 11-13 (canceled).

Claim 14 (original). A *Thlaspi caerulescens G15* seed as deposited with the ATCC having Accession No. 203439.

Claim 15 (original). Cultivated *Thlaspi caerulescens G15*, the seeds of which have been deposited under ATCC Accession No. 203439.

Claim 16 (canceled).

Claim 17 (canceled).